

CLAIMS

1. A corpse body fluid leakage preventing device comprising:

a syringe filled with a jelly substance including a highly water-absorbing polymer to be inserted into a throat of a corpse;

5 an inserting tube including a flexible inserting tube body made of a synthetic resin to be inserted into the throat from a nostril, a connecting portion provided at a rear end of said inserting tube body and capable of connecting to said syringe, and an opening provided at a tip of said inserting tube body;

a covering member externally fit on said inserting tube;

10 a body fluid sealing member for a rectum including a cylindrical molded body made from highly water-absorbing porous fiber and a water-soluble sheet covering an outer face of said cylindrical molded body; and

a cotton substance for a mouth to which a jelly substance including a highly water-absorbing polymer is applied.

15 2. The corpse body fluid leakage preventing device of Claim 1,

wherein said body fluid sealing member for a rectum is included in a ratio of 40 through 180 parts by volume on the basis of 100 parts by volume of said jelly substance filled in said syringe.

3. The corpse body fluid leakage preventing device of Claim 2,

20 wherein an amount of said jelly substance filled in said syringe is 20 through 30 cc, and

an amount of said body fluid sealing member for a rectum is 0.7 through 1.3 times as large as the amount of said jelly substance.

4. The corpse body fluid leakage preventing device of any of Claims 1 through 3,

25 wherein said jelly substance filled in said syringe includes a solvent, a puffing

agent and a highly water-absorbing polymer powder,

said highly water-absorbing polymer powder is dispersed in a ratio of 5000 or more particles per 1 mL of said jelly substance,

said puffing agent is included in a ratio of 0.02 through 0.15 parts by weight on the basis of 100 parts by weight of said solvent, and

said jelly substance has viscosity of 8000 through 40000 cP.

5. The corpse body fluid leakage preventing device of Claim 4,

wherein said jelly substance further includes a neutralizer and a lubricant.

6. The corpse body fluid leakage preventing device of any of Claims 1 through 5,

wherein a nozzle of said syringe is covered with a removable cap, and

said connecting portion of said inserting tube has a tubular portion to be fit in said nozzle from which said cap has been removed, and a step portion abutted a tip of said nozzle.

7. The corpse body fluid leakage preventing device of any of Claims 1 through 5,

wherein a nozzle of said syringe is covered with a breakable cap, and

said connecting portion of said inserting tube has a tubular portion to be fit in said nozzle from which said cap has been removed by breaking and a step portion abutted a tip of said nozzle.

8. The corpse body fluid leakage preventing device of any of Claims 1 through 5,

wherein a nozzle of said syringe is covered with a cap, and

a connecting portion of said inserting tube is provided with a cut portion for cutting said cap, when said nozzle covered with said cap is connected, for allowing said jelly substance filled in said syringe to be introduced through said connecting portion into said inserting tube body.

9. The corpse body fluid leakage preventing device of any of Claims 1 through 8,

wherein said covering member has such a length that a tip of said covering member is extruded beyond said opening provided at the tip of said inserting tube when said covering member is externally fit on said inserting tube body of said inserting tube.

10. The corpse body fluid leakage preventing device of any of Claims 1 through

5 9,

wherein said covering member has an inner diameter larger than an outer diameter of said inserting tube body and has an engaging portion to be engaged with an outer circumference of said inserting tube.

11. The corpse body fluid leakage preventing device of Claim 10,

10 wherein said engaging portion of said covering member is engaged by being fit on an outer circumference of said connecting portion of said inserting tube.

12. The corpse body fluid leakage preventing device of any of Claims 1 through

11,

15 wherein said jelly substance filled in said syringe includes at least one of a deodorant and a disinfectant.

13. The corpse body fluid leakage preventing device of any of Claims 1 through

12,

wherein said cylindrical molded body of said body fluid sealing member for a rectum includes at least one of a deodorant and a disinfectant.

20 14. The corpse body fluid leakage preventing device of any of Claims 1 through

13,

wherein a trifle mark to be used for injecting a small amount of jelly substance is provided on an outer circumference of said syringe.

15. The corpse body fluid leakage preventing device of any of Claims 1 through

25 14,

wherein said syringe is contained in a sealed bag.

16. The corpse body fluid leakage preventing device of any of Claims 1 through 15,

wherein said syringe has a piston for pushing out said jelly substance filled therein,

5 and

a colored identification mark for identifying a type of syringe is provided at least one of said syringe and said piston.

17. The corpse body fluid leakage preventing device of any of Claims 1 through 16, further comprising working gloves.

10 18. The corpse body fluid leakage preventing device of any of Claims 1 through 17, further comprising paper sheets for wiping hands.

19. The corpse body fluid leakage preventing device of Claim 18, wherein a disinfectant is permeated into said paper sheets for wiping hands.

15 20. The corpse body fluid leakage preventing device of any of Claims 1 through 19, further comprising a sealing member for use as an earplug or a nose plug.

21. The corpse body fluid leakage preventing device of Claim 20, wherein said sealing member is made of a cotton material.

22. The corpse body fluid leakage preventing device of Claim 21, wherein said sealing member includes, in said cotton material, 0 through 1.5 mg
20 of jelly substance including a highly water-absorbing polymer.

23. The corpse body fluid leakage preventing device of any of Claims 20 through 22,

wherein said sealing member is contained in a plastic sealed bag.

24. The corpse body fluid leakage preventing device of any of Claims 1 through 25 23, further comprising a vessel containing a lubricant.

25. The corpse body fluid leakage preventing device of any of Claims 1 through 24, further comprising a body fluid sealing member for a female vagina including a cylindrical molded body of highly water-absorbing porous fiber and a water-soluble sheet covering an outer circumference of said cylindrical molded body.

5 26. The corpse body fluid leakage preventing device of Claim 25, comprising two body fluid sealing members having an identical structure alternatively used for a rectum and a female vagina.

27. The corpse body fluid leakage preventing device of any of Claims 1 through 24, further comprising a container bag for containing said syringe, said inserting tube, said
10 covering member and the like after use.

28. The corpse body fluid leakage preventing device of any of Claims 1 through 27,

wherein said cotton substance includes 0.5 g through 2.0 g of jelly substance per volume of 16 cm³.

15 29. The corpse body fluid leakage preventing device of Claim 28, wherein said jelly substance included in said cotton substance is of the same type as said jelly substance filled in said syringe.

30. The corpse body fluid leakage preventing device of any of Claims 1 through 29,

20 wherein said cotton substance is contained in a plastic sealed bag.

31. The corpse body fluid leakage preventing device of any of Claims 1 through 30,

wherein said cotton substance and said sealing member are together contained in one plastic sealed bag.

25 32. The corpse body fluid leakage preventing device of any of Claims 1 through

31,

wherein a mark for confirming said tip reaching the throat is provided in a middle portion of said inserting tube body.

33. The corpse body fluid leakage preventing device of any of Claims 1 through

5 32,

wherein said highly water-absorbing polymer of said jelly substance filled in said syringe is a fine powder dispersed in a ratio of 17000 through 29000 particles in 1 mL of said jelly substance.

34. The corpse body fluid leakage preventing device of Claim 33,

10 wherein said highly water-absorbing powder is a powder of 20 through 150 mesh dispersed in a ratio of 18000 through 25000 particles in 1 mL of said jelly substance.

35. The corpse body fluid leakage preventing device of any of Claims 1 through

34,

15 wherein said jelly substance includes at least one of ethylene glycol, propylene glycol, diethylene glycol, methanol, ethanol and glycerin.

36. The corpse body fluid leakage preventing device of any of Claims 1 through

35,

20 wherein said jelly substance filled in said syringe includes 0.01 through 1.0 part by weight of an acrylic acid polymer and 0.03 through 0.7 part by weight of a neutralizer on the basis of 100 parts by weight of an alcohol-based principal component.

37. The corpse body fluid leakage preventing device of any of Claims 1 through

36,

wherein said jelly substance filled in said syringe has viscosity of 8000 through 40000 cP.

25 38. The corpse body fluid leakage preventing device of any of Claims 1 through

37,

wherein pH of said jelly substance filled in said syringe is 6 through 8.

39. The corpse body fluid leakage preventing device of any of Claims 1 through

38,

5 wherein said body fluid sealing member for a rectum includes a cylindrical molded body made from porous fiber with a two-layered structure including an inner layer corresponding to a core material made of acrylic fiber and a high water-absorbing outer layer, and a water-soluble sheet covering an outer circumference of said cylindrical molded body.

10 40. The corpse body fluid leakage preventing device of any of Claims 1 through 39,

wherein said body fluid sealing member for a rectum has a length of 20 through 90 mm and a diameter of 10 through 25 mm.

15 41. The corpse body fluid leakage preventing device of any of Claims 1 through 40,

wherein said water-soluble sheet of said body fluid sealing member for a rectum has a thickness of 200 μm or less and is rapidly dissolved when brought into contact with a body fluid.

20 42. The corpse body fluid leakage preventing device of any of Claims 39 through 41,

wherein when said cylindrical molded body comes into contact with a body fluid, said cylindrical molded body rapidly absorbs moisture and swells in diameter by approximately 2.5 times or larger.

25 43. The corpse body fluid leakage preventing device of any of Claims 39 through 42,

wherein said cylindrical molded body includes at least one of a deodorant and a disinfectant.

44. The corpse body fluid leakage preventing device of any of Claims 1 through 43,

5 wherein a first opening is formed on a tip face of said inserting tube body and a second opening is formed on a side face in the vicinity of the tip face of said inserting tube body.